



## SEQUENCE LISTING

<110> Stefano, George B.  
Fimiani, Caterina

<120> OPIATE, CANNABINOID, AND ESTROGEN  
RECEPTORS

<130> 09598-004001

<140> 09/530,880

<141> 2000-09-28

<150> PCT/US98/23944

<151> 1998-11-10

<150> 60/065,043

<151> 1997-11-10

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 20

<212> DNA

<213> Homo sapiens

<400> 1

gcagaggaga atgtcagatg

20

<210> 2

<211> 20

<212> DNA

<213> Homo sapiens

<400> 2

ctaagcttgg tgaaggtcgg

20

<210> 3

<211> 30

<212> DNA

<213> Homo sapiens

<400> 3

ggtactggga aaacctcgtg aagatctgtg

30

<210> 4

<211> 30

<212> DNA

<213> Homo sapiens

<400> 4

ggtctctagt gttctgacga attcgagtgg

30

<210> 5

p. 47  
48

<211> 441  
 <212> DNA  
 <213> Homo sapiens

<400> 5

ggtactggga	aaacctgctg	aagatctgtg	ttttcatctt	cgccttcatt	atgccagtgc	60
tcatcattac	cgtgtgctat	ggactgatga	tcttgcgctt	caagagtgtc	cgcattgctct	120
ctggctccaa	agaaaaggac	aggaatcttc	gaaggatcac	caggatgggtg	ctgggtgggtg	180
tggctgtggt	catcgtctgc	tggactccca	ttcacattta	cgtcatcatt	aaagccttgg	240
ttacaatccc	agaaactacg	ttccagactg	tttcttggca	cttctgcatt	gctctagggt	300
acacaaacag	ctgcctcaac	ccagtccttt	atgcatttct	ggatgaaaac	ttcaaacgat	360
gcttcagaga	gttctgtatc	ccaacctctt	ccaacattga	gcaacaaaac	tccactcgaa	420
ttcgtcagaa	cactagagac	c				441

<210> 6  
 <211> 146  
 <212> PRT  
 <213> Homo sapiens

<400> 6

Tyr	Trp	Glu	Asn	Leu	Lys	Ile	Cys	Val	Phe	Ile	Phe	Ala	Phe	Ile
1			5				10				15			
Met	Pro	Val	Leu	Ile	Ile	Thr	Val	Cys	Tyr	Gly	Leu	Met	Ile	Leu
		20					25				30			Arg
Leu	Lys	Ser	Val	Arg	Met	Leu	Ser	Gly	Ser	Lys	Glu	Lys	Asp	Arg
	35					40				45				Asn
Leu	Arg	Arg	Ile	Thr	Arg	Met	Val	Leu	Val	Val	Val	Ala	Val	Phe
	50				55					60				Ile
Val	Cys	Trp	Thr	Pro	Ile	His	Ile	Tyr	Val	Ile	Ile	Lys	Ala	Leu
65				70				75						80
Thr	Ile	Pro	Glu	Thr	Thr	Phe	Gln	Thr	Val	Ser	Trp	His	Phe	Cys
			85				90					95		Ile
Ala	Leu	Gly	Tyr	Thr	Asn	Ser	Cys	Leu	Asn	Pro	Val	Leu	Tyr	Ala
	100						105				110			Phe
Leu	Asp	Glu	Asn	Phe	Lys	Arg	Cys	Phe	Arg	Glu	Phe	Cys	Ile	Pro
	115					120				125				Thr
Ser	Ser	Asn	Ile	Glu	Gln	Gln	Asn	Ser	Thr	Arg	Ile	Arg	Gln	Asn
	130					135				140				Thr
Arg	Asp													
145														